

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

10/506/96

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 September 2003 (18.09.2003)

PCT

(10) International Publication Number
WO 03/075849 A2

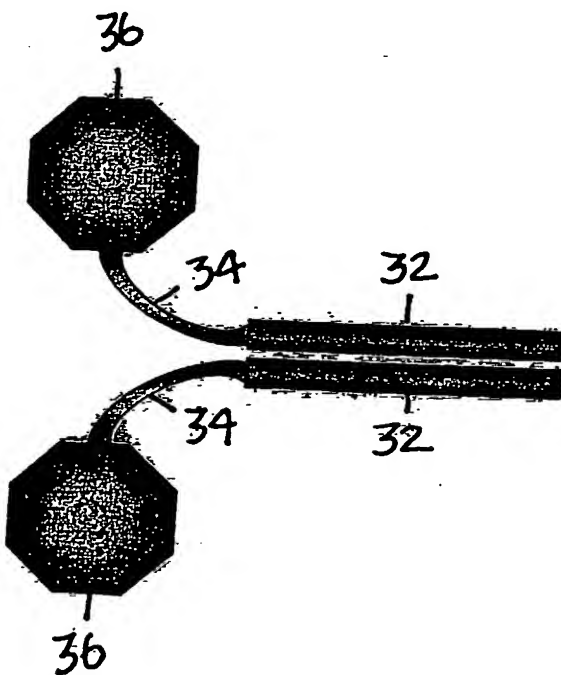
- (51) International Patent Classification⁷: A61K (74) Agent: MEIS, Christine, M.; Quarles & Brady Streich Lang, LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004-2391 (US).
- (21) International Application Number: PCT/US03/07073
- (22) International Filing Date: 6 March 2003 (06.03.2003) (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/362,247 6 March 2002 (06.03.2002) US
- (71) Applicant (*for all designated States except US*): ARIZONA BOARD OF REGENTS [US/US]; Arizona State University, P.O. Box 873511, Tempe, AZ 85287-3511 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): MOR, Tsafir, S. [IL/US]; 1508 E. Hermosa, Tempe, AZ 85282 (US). MATOBA, Nobuyuki [JP/US]; 200 East Southern Avenue Apt 116, Tempe, AZ 85282 (US). ARNTZEN, Charles, J. [US/US]; 7686 East Wilderness Trail, Superstition Mountain, AZ 85216-1806 (US).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i)) for the following designation US
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

[Continued on next page]

(54) Title: COMPOSITION AND METHOD FOR ENHANCING IMMUNE RESPONSE



(57) Abstract: A composition and method for enhancing immune response in a living organism is disclosed. In particular, the present disclosure provides an adjuvant peptide for use in raising an immune response to an antigen. The adjuvant peptide is selected from a group of peptides with an HIV-related sequence. Additionally, the adjuvant peptide can comprise a fusion-protein that acts as a mucosal adjuvant. The adjuvant peptide can be transformed into one or more living cells, such that the mucosal adjuvant can be produced in living cells and then administered by systemic, mucosal or epidermal delivery.

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